



November 25, 2003

David W.R. Langton  
416 957 1690 dlangton@bereskinparr.com

Our Reference: 11495-014/DL

**Information Disclosure Statement**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia  
U.S.A. 22313-1450

Dear Sir:

**Re: PRESSURIZED CHAMBER SEAL CARTRIDGE**  
**Serial No.: 10/647,133**  
**Filing Date: August 25, 2003**  
**Applicant: James Daniel Murray**  
**Group: -- Paper No. --**

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In accordance with 37 CFR 1.97 and 1.98, and in recognition of the duty of disclosure set forth in 37 CFR 1.56, applicant hereby submits an Information Disclosure Statement including (1) a listing of patents and other publications of which applicant is aware, and (2) a copy of each listed item.

**(1) Patents & Publications**

Publications:

1. "Seals and Sealing Handbook" by M. Brown, 4<sup>th</sup> Edition, 1995, ISBN # 1 84617 232 5.
2. "Mechanical Seals and Sealing Systems Handbook", volume 3 of "Pump Handbook" published in 1999 by AES Marketing Inc., available on internet at: <http://www.pump-zone.com/handbook/handbook.htm>.

U.S. Patent Nos.:

5,312,116 (Quaglia)  
5,713,578 (Terao et al.)

*Please send all correspondence to the Toronto office:*

Scotia Plaza, 40 King St. West, 40th Floor,  
Toronto, Ontario, Canada M5H 3Y2  
Tel: 416.364.7311 Fax: 416.361.1398

2000 Argentia Rd., Plaza 4, Ste. 430,  
Mississauga, Ontario, Canada L5N 1W1  
Tel: 905.812.3600 Fax: 905.814.0031

Waterloo Technology Campus, 408 Albert St., Ste. 2,  
Waterloo, Ontario, Canada N2L 3V3  
Tel: 519.783.3210 Fax: 519.783.3211

5,069,461 (Orlowski)  
5,117,743 (Yuda)  
5,180,297 (Hansen et al.)  
5,217,234 (Hornsby)  
5,294,132 (Duffee et al.)  
5,409,240 (Ballard)  
5,499,902 (Rockwood)  
5,558,491 (Andrews)  
5,716,054 (Duffee et al.)  
5,727,792 (Rockwood)  
5,823,541 (Dietle et al.)  
6,302,405 B1 (Edwards)  
6,406,216 B1 (Raasch)

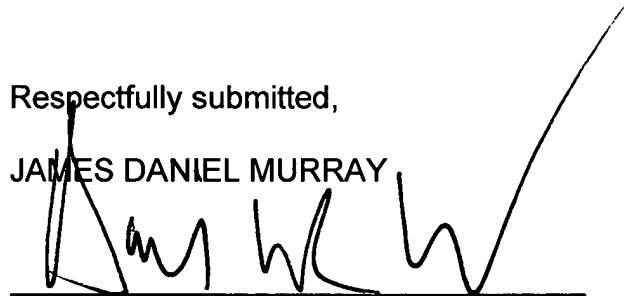
**(2) Copies**

Copies of the above patents and publications are enclosed.

Form PTO-1449 is also enclosed.

Respectfully submitted,

JAMES DANIEL MURRAY

A handwritten signature in black ink, appearing to read 'David W.R. Langton', is written over a horizontal line. The signature is stylized with loops and a long, sweeping upward stroke at the end.

David W.R. Langton  
Registration No. 27,747

DWRL\*sam  
Encl.

**Complete if Known**

**(Use as many sheets as necessary)**

Sheet	1	of	2
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<b>Application Number</b>	<b>10/647,133</b>
<b>Filing Date</b>	<b>August 25, 2003</b>
<b>First Named Inventor</b>	<b>James Daniel Murray</b>
<b>Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	<b>11495-014/DL</b>

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-5,312,116	05/17/1994	Quaglia	
		US- 5,713,578	02/03/1998	Terao et al.	
		US- 5,069,461	12/03/1991	Ortowski	
		US- 5,117,743	06/02/1992	Yuda	
		US- 5,180,297	01/19/1993	Hansen et al.	
		US- 5,217,234	06/08/1993	Hornsby	
		US- 5,294,132	03/15/1994	Duffee et al.	
		US- 5,409,240	04/25/1995	Ballard	
		US- 5,499,902	03/19/1996	Rockwood	
		US- 5,558,491	09/24/1996	Andrews	
		US- 5,716,054	02/10/1998	Duffee et al.	
		US- 5,727,792	03/17/1998	Rockwood	
		US- 5,823,541	10/20/1998	Dietle, et al.	
		US- 6,302,405 B1	10/16/2001	Edwards	
		US- 6,406,216 B1	06/18/2002	Raasch	
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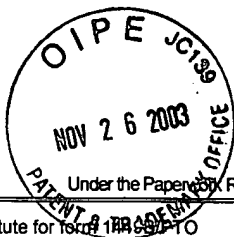
[illegible]

Date Considered

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

**Complete if Known**

Application Number	10/647,133
Filing Date	August 25, 2003
First Named Inventor	Daniel James Murray
Art Unit	
Examiner Name	
Attorney Docket Number	11495-014/DL

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Seals and Sealing Handbook" by M. Brown, 4th Edition, 1995, ISBN # 1 84617 232 5.	
		"Mechanical Seals and Sealing Systems Handbook", volume 3 of "Pump Handbook" published in 1999 by AES Marketing Inc., available on internet at: <a href="http://www.pump-zone.com/handbook/handbook.htm">http://www.pump-zone.com/handbook/handbook.htm</a> .	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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